



October 20, 2016

HAVILAND DRAINAGE PRODUCTS
JASON SCHAFFER
10 W. MAIN ST
HAVILAND OH 45851

Re: Description: PIPES AND FITTINGS, POLYETHYLENE
Manufacturer: HAVILAND DRAINAGE PRODUCTS
Product Name: (trans id 2778853) HAVILAND HEAVY DUTY SMOOTH FLOW PIPE
Model Number(s): 4", 6", 8", 10", 12", 15", 18", 24", 30", 36", 42", 48", 60"
Product File No: 20160248

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an alternate approval to s. SPS 384.30 (3) (c) based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of October 2021.

This approval supersedes the approval issued on February 10, 2012 under product file number 20120075.

This alternate approval is contingent upon compliance with the following stipulation(s):

- All changes in direction of flow shall be made by appropriate use of 45° wyes, long or short sweep 1/4th bends, 1/6th, 1/8th or 1/16th bends, or by a combination of these or other equivalent fittings. Fittings that change the direction of flow for 8-inch or less in diameter shall conform to the minimum radii specified in table SPS 382.30-4.
- This product may be installed for the following drain use(s):
 - a. Sanitary sewer gravity flow
 - b. Storm sewer gravity flow

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Glen W. Schlueter
Environmental Engineer - Plumbing Product Reviewer
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